

FORM PTO-1449

INFORMATION DISCLOSURE CITATIONAtty Docket
26099Serial No.
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Applicant

SAN GABRIEL, et al.

Filing Date

April __, 2004

Group Art Unit

Not yet assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
AA						

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub-Class	Translation
AB					

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

HC	AC	✓ Chaudhari, N., et al., "A metabotropic glutamate receptor variant functions as a taste receptor". Nature Neuroscience, February 2000, vol. 3, no. 2, pp. 113-119.
	AD	✓ Niiijima, A., "Effects of oral and intestinal stimulation with umami substance on gastric vagus activity". Physiology & Behavior, 1991, vol. 49, no. 5, pp. 1025-1028.
	AE	✓ Dingledine, R. & Conn, P. J., "Peripheral glutamate receptors: molecular biology and role in taste sensation". Journal of Nutrition, April 2000, vol. 130, no. 4S, Suppl., pp. 1039S-1042S.
	AF	✓ O'Hara, P. J., et al., "The ligand-binding domain in metabotropic glutamate receptors is related to bacterial periplasmic binding proteins". Neuron, 1993, vol. 11, pp. 41-52.
	AG	✓ Han, G. & Hampson, D. R., "Ligand binding to the aminoterminal domain of the mGluR4 subtype of metabotropic glutamate receptor". J. Biol. Chem., 1999, vol. 274, no. 15, pp. 1008-1013.
	AH	✓ Peltekova, V., et al., "Constraints on proper folding of the amino terminal domains of group iii metabotropic glutamate receptors". Molecular Brain Research, 2000, vol. 76, pp. 180-190.
	AI	✓ Barnard, E. A., "Ionotropic glutamate receptors: new types and new concepts". TiPS, May 1997, vol. 18, pp. 141-148.
	AJ	✓ Schoepp, D. D., et al., "Metabotropic glutamate receptors in brain function and pathology". TiPS, January 1993, vol. 14, pp. 13-20.
	AK	✓ Tanabe, Y., et al., "A family of metabolic glutamate receptors". Neuron, January 1992, vol. 8, pp. 169-179.
sl	AL	✓ Flor, P. J., et al., "Molecular cloning, functional expression and pharmacological characterization of the human metabotropic glutamate receptor type 4". Neuropharmacology, 1995, vol. 34, no. 2, pp. 149-155.

Examiner

H. J. Chen

Date Considered

6/28/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609.
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BA						

FOREIGN PATENT DOCUMENTS

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BB					

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ll</i>	BC	Berk, M., et al., "Platelet Glutamate receptor supersensitivity in major depressive disorder". Clinical Neuropharmacology, 2001, vol. 24, no. 3, pp. 149-155.
	BD	Karim, F., et al., "Metabotropic glutamate receptor subtypes 1 and 5 are activators of extracellular signal-regulated kinase signaling required for inflammatory pain in mice". Journal of Neuroscience, June 1, 2001, vol. 21, no. 11, pp. 3771-3779.
	BE	Berk, M., et al., "The specificity of platelet glutamate receptor supersensitivity in psychotic disorders". Life Sciences, 2000, vol. 66, no. 25, pp. 2427-2432.
	BF	Carlton, S. M., et al., "Inflammation-induced changes in peripheral glutamate receptor populations". Brain Research, 1999, vol. 820, pp. 63-70.
	BG	Haxhiu, M. A., et al., "The role of excitatory amino acids in airway reflex responses in anesthetized dogs". Journal of the Autonomic Nervous System, 1997, vol. 67, pp. 192-199.
	BH	Inagaki, N., et al., "Expression and role of ionotropic glutamate receptors in pancreatic islet cells". The FASEB Journal, May 1995, vol. 9, pp. 686-691. //
	BI	Erdő, S. L., "Excitatory amino acid receptors in the mammalian periphery". TIPS, November 1991, vol. 12, pp. 426-429.
	BJ	Aas, P., et al., "Stimulation of peripheral cholinergic nerves by glutamate indicates a new peripheral glutamate receptor". European Journal of Pharmacology, 1989, vol. 164, pp. 93-102.
	BK	Said, S., et al., "Glutamate signaling in the lung". TRENDS in Pharmacological Sciences, July 2001, vol. 22, no. 7, pp. 344-345.
	BL	Skerry, T. M., et al., "Glutamate signaling in non-neuronal tissues". TRENDS in Pharmacological Sciences, April 2001, vol. 22, no. 4, pp. 174-181.
<i>ll</i>	BM	Bray, G. A., "3 rd plenary session on 'signaling in body-weight homeostasis' afferent signals regulating food intake". Proceedings of the Nutrition Society, 2000, vol. 59, pp. 373-384.

Examiner

Gyan Chandra

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation
	CB						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

ff	CC	✓	Bray, G. A., "Nutrient balance and obesity: an approach to control of food intake in humans". Medical Clinics of North America, January 1989, vol. 73, no. 1, pp. 29-45.
	CD	✓	Mei, N., "Recent studies on intestinal vagal afferent innervation. Functional implications". Journal of the Autonomic Nervous System, 1983, vol. 9, pp. 199-206.
	CE	✓	Mei, N., et al., "Current data and ideas on digestive sensitivity". Journal of the Autonomic Nervous System, 1992, vol. 41, pp. 15-18.
	CF	✓	Mei, N., "Intestinal chemosensitivity". Physiological reviews, the American Physiological Society, April 1985, vol. 65, no. 2 pp. 211-237.
	CG	✓	Mezono, Y., et al., "Receptors that couple to 2 classes of G proteins increase cAMP and activate CFTR expressed in Xenopus oocytes". Receptors and Channels, vol. 1, pp. 233-241.
	CH	✓	Cunningham, S. A., et al., "cAMP-stimulated ion currents in Xenopus oocytes expressing CFTR cRNA". American Physiological Society, 1992, pp. C783-C788.
	CI	✓	Naples, M. A., et al., "Pharmacological profiles of the metabotropic glutamate receptor ligands [³ H]L-AP4 and [³ H]CPPG". Neuropharmacology, 2001, vol. 40, pp. 170-177.
	CJ	✓	Thomsen, C., et al., "Cloning and characterization of a metabotropic glutamate receptor, mGluR4b". Neuropharmacology, 1997, vol. 36, pp. 21-30.
	CK	✓	Adams, S. R., et al., "Fluorescence ratio imaging of cyclic AMP in single cells". Nature, vol. 349, February 21, 1991, pp. 694-697.
ff	CL	✓	McConnell, H. M., et al., "The Cytosensor Microphysiometer: Biological applications of silicon technology". Science, vol. 257, September 25, 1992, pp. 1906-1912.

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Bryon Chua

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
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	AI						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation
	AJ	WO 97/05252	13.02.97	WIPO			N/A
	AK						
	AL						
	AM						
	AN						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>HC</i>	AO	<input checked="" type="checkbox"/>	Höfer, D. et al. "Taste receptor-like cells in the rat gut identified by expression of α -gustducin", <u>Proc. Natl. Acad. Sci. USA</u> , vol.93 pp.6631-6634, 1996.
<i>HC</i>	AP	<input checked="" type="checkbox"/>	Hampson, D.R. et al. "Probing the Ligand-binding Domain of the mGluR4 Subtype of Metabotropic Glutamate Receptor", <u>The Journal of Biological Chemistry</u> , vol.274(47) pp.33488-33495, 1999.
	AQ		
	AR		

Examiner

Hyun Chae

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